

Connecting via Winsock to STN

Welcome to STN International! Enter x:

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from

web-based collections

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
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of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:27:23 ON 23 JUN 2008

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 17:27:33 ON 23 JUN 2008

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s Corynebacterium ammoniagenes and xanthylic acid and  
resistance(p)5-fluorotryptophan

0\* FILE ADISNEWS  
0\* FILE ANTE  
0\* FILE AQUALINE  
0\* FILE BIOENG  
1\* FILE BIOTECHABS  
1\* FILE BIOTECHDS  
0\* FILE BIOTECHNO  
1 FILE CAPLUS  
0\* FILE CEABA-VTB  
0\* FILE CIN

25 FILES SEARCHED...

0\* FILE ESBIODASE  
0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE FSTA  
1 FILE IFIPAT  
0\* FILE KOSMET  
0\* FILE NTIS  
0\* FILE NUTRACEUT  
0\* FILE PASCAL  
0\* FILE PHARMAML

56 FILES SEARCHED...

1 FILE TOXCENTER  
1 FILE USPATFULL  
0\* FILE WATER  
1 FILE WPIDS  
1 FILE WPINDEX

8 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L1 QUE CORYNEBACTERIUM AMMONIAGENES AND XANTHYLIC ACID AND RESISTANCE(P) 5-FL  
UOROTRYPTOPHAN

=> file biotechabs biotechds caplus ifipat toxcenter uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.95	2.16

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 17:29:31 ON 23 JUN 2008  
COPYRIGHT (C) 2008 THOMSON REUTERS

FILE 'CAPLUS' ENTERED AT 17:29:31 ON 23 JUN 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'IFIPAT' ENTERED AT 17:29:31 ON 23 JUN 2008  
COPYRIGHT (C) 2008 IFI CLAIMS(R) Patent Services (IFI)

FILE 'TOXCENTER' ENTERED AT 17:29:31 ON 23 JUN 2008  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 17:29:31 ON 23 JUN 2008  
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'RESISTANCE(P) 5-FLUOROT'  
L2 5 L1

=> rem dup l2

DUP IS NOT VALID HERE

The DELETE command is used to remove various items stored by the  
system.

To delete a saved query, saved answer set, saved L-number list, SDI  
request, batch request, mailing list, or user-defined cluster, format,  
or search field, enter the name. The name may include ? for left,  
right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

```
DELETE P123001C      - delete print request
DELETE D134002C      - delete document order request
```

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

```
DELETE L21           - delete a single L-number
DELETE L3-L6         - delete a range of L-numbers
DELETE LAST 4        - delete the last 4 L-numbers
DELETE L33-          - delete L33 and any higher L-number
DELETE -L55          - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                      renumber remaining L-numbers
DELETE RENUMBER       - renumber L-numbers after deletion of
                      intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED   - delete all saved queries, answer sets,
                  and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT  - delete all user-defined display formats
DELETE FIELD   - delete all user-defined search fields
DELETE SELECT  - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                  session at L1
```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

```
=> dup rem l2
PROCESSING COMPLETED FOR L2
L3          3 DUP REM L2 (2 DUPLICATES REMOVED)
```

```
=> d l3 1-3
```

```
L3  ANSWER 1 OF 3  IFIPAT  COPYRIGHT 2008 IFI on STN
AN  11491611  IFIPAT;IFIUDB;IFICDB
TI  MICROORGANISM PRODUCING 5'-XANTHYLIC ACID
IN  Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon
    (KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)
PA  Unassigned Or Assigned To Individual (68000)
```

PPA CJ Corp KR (Probable)  
PI US 2007141682 A1 20070621  
AI US 2004-582166 20041118  
WO 2004-KR2993 20041118  
20060608 PCT 371 date  
20060608 PCT 102(e) date  
PRAI KR 2003-89714 20031210  
FI US 2007141682 20070621  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION  
ED Entered STN: 22 Jun 2007  
Last Updated on STN: 17 Jul 2007  
CLMN 3

L3 ANSWER 2 OF 3 USPATFULL on STN  
AN 2007:162128 USPATFULL  
TI Microorganism producing 5'-xanthylic acid  
IN Park, Young-Hoon, Seongnam-si, KOREA, REPUBLIC OF  
Chang, Jea-Young, Anyang-si, KOREA, REPUBLIC OF  
Lee, Jin-Nam, Yongin-si, KOREA, REPUBLIC OF  
Oh, Ki-Hoon, Icheon-si, KOREA, REPUBLIC OF  
Kim, Jeong-Hwan, Seoul, KOREA, REPUBLIC OF  
Oh, Yoon-Suk, Yongin-si, KOREA, REPUBLIC OF  
Sim, Jae-Ick, Icheon-si, KOREA, REPUBLIC OF  
PI US 20070141682 A1 20070621  
AI US 2004-582166 A1 20041118 (10)  
WO 2004-KR2993 20041118  
20060608 PCT 371 date  
PRAI KR 2003-89714 20031210  
DT Utility  
FS APPLICATION  
LN.CNT 201  
INCL INCLM: 435/117.000  
INCLS: 435/252.300  
NCL NCLM: 435/117.000  
NCLS: 435/252.300  
IC IPCI C12P0017-00 [I,A]; C12N0001-21 [I,A]  
IPCR C12P0017-00 [I,C]; C12P0017-00 [I,A]; C12N0001-20 [I,C\*];  
C12N0001-20 [I,A]; C12N0001-21 [I,C]; C12N0001-21 [I,A];  
C12P0019-00 [I,C\*]; C12P0019-32 [I,A]; C12R0001-15 [N,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 3 BIOTECHDS COPYRIGHT 2008 THOMSON REUTERS on STN DUPLICATE  
1  
AN 2005-19227 BIOTECHDS  
TI New mutant strain of Corynebacterium ammoniagenes  
having a resistance to 5-fluorotryptophan  
useful for producing 5'-xanthylic acid;  
mutant Corynebacterium ammoniagenes construction  
for strain improvement and 5'-xanthylic acid  
production  
AU PARK Y; CHANG J; LEE J; OH K; KIM J; OH Y; SIM J  
PA CJ CORP  
PI WO 2005056775 23 Jun 2005  
AI WO 2004-KR2993 18 Nov 2004  
PRAI KR 2003-89714 10 Dec 2003; KR 2003-89714 10 Dec 2003  
DT Patent  
LA English  
OS WPI: 2005-435586 [44]

=> d hist

(FILE 'HOME' ENTERED AT 17:27:23 ON 23 JUN 2008)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 17:27:33 ON 23 JUN 2008  
SEA CORYNEBACTERIUM AMMONIAGENES AND XANTHYLIC ACID AND RESISTA

-----  
0\* FILE ADISNEWS  
0\* FILE ANTE  
0\* FILE AQUALINE  
0\* FILE BIOENG  
1\* FILE BIOTECHABS  
1\* FILE BIOTECHDS  
0\* FILE BIOTECHNO  
1 FILE CAPLUS  
0\* FILE CEABA-VTB  
0\* FILE CIN  
0\* FILE ESBIODBASE  
0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE FSTA  
1 FILE IFIPAT  
0\* FILE KOSMET  
0\* FILE NTIS  
0\* FILE NUTRACEUT  
0\* FILE PASCAL  
0\* FILE PHARMAML  
1 FILE TOXCENTER  
1 FILE USPATFULL  
0\* FILE WATER  
1 FILE WPIDS  
1 FILE WPINDEX

L1 QUE CORYNEBACTERIUM AMMONIAGENES AND XANTHYLIC ACID AND RESISTA

-----  
FILE 'BIOTECHDS, CAPLUS, IFIPAT, TOXCENTER, USPATFULL' ENTERED AT  
17:29:31 ON 23 JUN 2008

L2 5 S L1

L3 3 DUP REM L2 (2 DUPLICATES REMOVED)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
26.11	28.27

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 17:30:02 ON 23 JUN 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

#### Thank you for accessing STN ####

Our services are currently unavailable. The regularly scheduled hours of operations are:

US Eastern time:                      Sunday from 01:00 (1:00 AM) until  
   Saturday at 22:00 (10:00 PM)

On the first Saturday of each month, STN is available only until 17:00 (5:00 PM).

Tokyo time:                            Sunday from 14:00 (2:00 PM) until  
   Sunday at 11:00 (11:00 AM)

On the Sunday of the first weekend of each month, STN is available only until 06:00 (6:00 AM).

Additionally, representatives from the Help Desk and Customer Service may be reached from 08:00 (8:00 AM) to 20:00 (8:00 PM) US Eastern time, Monday through Friday, at the following telephone numbers:

Help Desk                      - (800) 848-6533    North America  
                                 - (614) 447-3698    Elsewhere

Customer Service           - (800) 753-4227    North America  
                                 - (614) 447-3731    Elsewhere

We can also be contacted via email at [HELP@CAS.ORG](mailto:HELP@CAS.ORG).

Connection closed by remote host

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt188dxw

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid. You either typed them incorrectly, or line noise may have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Do you wish to use the same loginid and password?

Enter choice (y/N):

Enter new loginid (or press [Enter] for ssspt188dxw):

Connecting via Winsock to STN

LOGINID:  
ssspt188dxw

STNLOGON timed out

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspt188dxw

PASSWORD:  
LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.  
You either typed them incorrectly, or line noise may  
have corrupted them.

Do you wish to retry the logon?  
Enter choice (y/N):  
Do you wish to use the same loginid and password?  
Enter choice (y/N):  
Enter new loginid (or press [Enter] for ssspt188dxw):  
Enter new password:

LOGINID:  
LOGINID:ssspt189dxw

PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	3	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	4	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	5	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	6	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	7	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS	8	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	9	NOV 26	MARPAT enhanced with FSORT command
NEWS	10	NOV 26	MEDLINE year-end processing temporarily halts availability of new fully-indexed citations
NEWS	11	NOV 26	CHEMSAFE now available on STN Easy
NEWS	12	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	13	DEC 01	ChemPort single article sales feature unavailable
NEWS	14	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	15	DEC 17	Fifty-one pharmaceutical ingredients added to PS

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 22:14:11 ON 04 JAN 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 22:14:29 ON 04 JAN 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s Cornynebacterium ammoniagenes and 5-fluorotryptophan and 5'-xanthylic acid  
MISMATCHED QUOTE 'AND 5'-XANTHYLIC'

Quotation marks (or apostrophes) must be used in pairs,  
one before and one after the expression you are setting  
off or masking.

=> s Corynebacterium ammoniagenes and 5-fluorotryptophan and xanthylic acid

1 FILE BIOTECHABS  
1 FILE BIOTECHDS  
1 FILE CAPLUS

23 FILES SEARCHED...

1 FILE IFIPAT

55 FILES SEARCHED...

1 FILE TOXCENTER  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPIFV  
1 FILE WPINDEX

9 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE CORYNEBACTERIUM AMMONIAGENES AND 5-FLUOROTRYPTOPHAN AND XANTHYLIC ACID

=> file biotechabs biotechds caplus ifipat toxcenter uspatfull wpids wpifv wpindex  
COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	10.20	10.42

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 22:23:24 ON 04 JAN 2009  
COPYRIGHT (C) 2009 THOMSON REUTERS

FILE 'CAPLUS' ENTERED AT 22:23:24 ON 04 JAN 2009  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'IFIPAT' ENTERED AT 22:23:24 ON 04 JAN 2009  
COPYRIGHT (C) 2009 IFI CLAIMS(R) Patent Services (IFI)

FILE 'TOXCENTER' ENTERED AT 22:23:24 ON 04 JAN 2009  
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FILE 'USPATFULL' ENTERED AT 22:23:24 ON 04 JAN 2009  
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 22:23:24 ON 04 JAN 2009  
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FILE 'WPIFV' ENTERED AT 22:23:24 ON 04 JAN 2009  
COPYRIGHT (C) 2009 THOMSON REUTERS

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s l1  
L2 7 L1

=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3 3 DUP REM L2 (4 DUPLICATES REMOVED)

=> d l3 1-3

L3 ANSWER 1 OF 3 IFIPAT COPYRIGHT 2009 IFI on STN DUPLICATE 1  
AN 11491611 IFIPAT;IFIUDB;IFICDB  
TI Microorganism producing 5'-xanthylic acid  
IN Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon  
(KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)  
PA Unassigned Or Assigned To Individual (68000)  
PPA CJ Corp KR (Probable)  
PI US 20070141682 A1 20070621  
AI US 2004-582166 20041118  
WO 2004-KR2993 20041118  
20060608 PCT 371 date  
20060608 PCT 102(e) date  
PRAI KR 2003-89714 20031210  
FI US 20070141682 20070621  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION  
ED Entered STN: 22 Jun 2007  
Last Updated on STN: 17 Jul 2007  
CLMN 3

L3 ANSWER 2 OF 3 WPIFV COPYRIGHT 2009 THOMSON REUTERS on STN  
AN 2008-2712872 WPIFV

TI New mutant strain of Corynebacterium ammoniagenes  
 having a resistance to 5-fluorotryptophan useful for  
 producing 5'-xanthylic acid  
 IN PARK Y (KR); CHANG J (KR); LEE J (KR); OH K (KR); KIM J (KR)  
 INFN PARK YOUNG-HOON KR  
 CHANG JEA-YOUNG KR  
 LEE JIN-NAM KR  
 OH KI-HOON KR  
 KIM JEONG-HWAN+ KR  
 PA (CJCJ-N) CJ CORP (KR)  
 PI TW 290173 B1 20071121 Chinese Equivalent  
 PI.B WO 2005056775 A1  
 AI TW 2004-137850 20041207  
 PRAI KR 2003-89714 20031210  
 ICM C12N001-20  
 ICS C12N015-01

L3 ANSWER 3 OF 3 BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN DUPLICATE  
 2  
 AN 2005-19227 BIOTECHDS  
 TI New mutant strain of Corynebacterium ammoniagenes  
 having a resistance to 5-fluorotryptophan useful for  
 producing 5'-xanthylic acid;  
 mutant Corynebacterium ammoniagenes construction  
 for strain improvement and 5'-xanthylic acid  
 production  
 AU PARK Y; CHANG J; LEE J; OH K; KIM J; OH Y; SIM J  
 PA CJ CORP  
 PI WO 2005056775 23 Jun 2005  
 AI WO 2004-KR2993 18 Nov 2004  
 PRAI KR 2003-89714 10 Dec 2003; KR 2003-89714 10 Dec 2003  
 DT Patent  
 LA English  
 OS WPI: 2005-435586 [44]

=> s 13 and (CJXFT 0301 or KCCM 10530)  
 L4 3 L3 AND (CJXFT 0301 OR KCCM 10530)

=> d 14 1

L4 ANSWER 1 OF 3 BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN  
 AN 2005-19227 BIOTECHDS  
 TI New mutant strain of Corynebacterium ammoniagenes  
 having a resistance to 5-fluorotryptophan useful for  
 producing 5'-xanthylic acid;  
 mutant Corynebacterium ammoniagenes construction  
 for strain improvement and 5'-xanthylic acid  
 production  
 AU PARK Y; CHANG J; LEE J; OH K; KIM J; OH Y; SIM J  
 PA CJ CORP  
 PI WO 2005056775 23 Jun 2005  
 AI WO 2004-KR2993 18 Nov 2004  
 PRAI KR 2003-89714 10 Dec 2003; KR 2003-89714 10 Dec 2003  
 DT Patent  
 LA English  
 OS WPI: 2005-435586 [44]

=> d 14 2

L4 ANSWER 2 OF 3 IFIPAT COPYRIGHT 2009 IFI on STN

AN 11491611 IFIPAT;IFIUDB;IFICDB  
 TI Microorganism producing 5'-xanthylic acid  
 IN Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon (KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)  
 PA Unassigned Or Assigned To Individual (68000)  
 PPA CJ Corp KR (Probable)  
 PI US 20070141682 A1 20070621  
 AI US 2004-582166 20041118  
 WO 2004-KR2993 20041118  
 20060608 PCT 371 date  
 20060608 PCT 102(e) date  
 PRAI KR 2003-89714 20031210  
 FI US 20070141682 20070621  
 DT Utility; Patent Application - First Publication  
 FS CHEMICAL  
 APPLICATION  
 ED Entered STN: 22 Jun 2007  
 Last Updated on STN: 17 Jul 2007  
 CLMN 3

=> d 14 3

L4 ANSWER 3 OF 3 WPIFV COPYRIGHT 2009 THOMSON REUTERS on STN  
 AN 2008-2712872 WPIFV  
 TI New mutant strain of Corynebacterium ammoniagenes  
 having a resistance to 5-fluorotryptophan useful for  
 producing 5'-xanthylic acid  
 IN PARK Y (KR); CHANG J (KR); LEE J (KR); OH K (KR); KIM J (KR)  
 INFN PARK YOUNG-HOON KR  
 CHANG JEA-YOUNG KR  
 LEE JIN-NAM KR  
 OH KI-HOON KR  
 KIM JEONG-HWAN+ KR  
 PA (CJCJ-N) CJ CORP (KR)  
 PI TW 290173 B1 20071121 Chinese Equivalent  
 PI.B WO 2005056775 A1  
 AI TW 2004-137850 20041207  
 PRAI KR 2003-89714 20031210  
 ICM C12N001-20  
 ICS C12N015-01

=> d hist

(FILE 'HOME' ENTERED AT 22:14:11 ON 04 JAN 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
 AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
 CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
 DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 22:14:29 ON 04 JAN 2009  
 SEA CORYNEBACTERIUM AMMONIAGENES AND 5-FLUOROTRYPTOPHAN AND XAN

-----  
 1 FILE BIOTECHABS  
 1 FILE BIOTECHDS  
 1 FILE CAPLUS  
 1 FILE IFIPAT  
 1 FILE TOXCENTER  
 1 FILE USPATFULL  
 1 FILE WPIDS  
 1 FILE WPIFV  
 1 FILE WPINDEX

L1                    QUE CORYNEBACTERIUM AMMONIAGENES AND 5-FLUOROTRYPTOPHAN AND XAN

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FILE 'BIOTECHDS, CAPLUS, IFIPAT, TOXCENTER, USPATFULL, WPIDS, WPIFV'  
ENTERED AT 22:23:24 ON 04 JAN 2009

L2                    7 S L1  
L3                    3 DUP REM L2 (4 DUPLICATES REMOVED)  
L4                    3 S L3 AND (CJXFT 0301 OR KCCM 10530)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

46.67

57.09

STN INTERNATIONAL LOGOFF AT 22:26:48 ON 04 JAN 2009

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Welcome to STN International! Enter x:x

LOGINID:ssspt189dxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1                Web Page for STN Seminar Schedule - N. America  
NEWS 2    DEC 01      ChemPort single article sales feature unavailable  
NEWS 3    APR 03      CAS coverage of exemplified prophetic substances  
                      enhanced  
NEWS 4    APR 07      STN is raising the limits on saved answers  
NEWS 5    APR 24      CA/CAPLUS now has more comprehensive patent assignee  
                      information  
NEWS 6    APR 26      USPATFULL and USPAT2 enhanced with patent  
                      assignment/reassignment information  
NEWS 7    APR 28      CAS patent authority coverage expanded  
NEWS 8    APR 28      ENCOMPLIT/ENCOMPLIT2 search fields enhanced  
NEWS 9    APR 28      Limits doubled for structure searching in CAS  
                      REGISTRY  
NEWS 10   MAY 08      STN Express, Version 8.4, now available  
NEWS 11   MAY 11      STN on the Web enhanced  
NEWS 12   MAY 11      BEILSTEIN substance information now available on  
                      STN Easy  
NEWS 13   MAY 14      DGENE, PCTGEN and USGENE enhanced with increased  
                      limits for exact sequence match searches and  
                      introduction of free HIT display format  
NEWS 14   MAY 15      INPADOCDB and INPAFAMDB enhanced with Chinese legal  
                      status data  
NEWS 15   MAY 28      CAS databases on STN enhanced with NANO super role in  
                      records back to 1992  
NEWS 16   JUN 01      CAS REGISTRY Source of Registration (SR) searching  
                      enhanced on STN

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FILE 'HOME' ENTERED AT 21:00:54 ON 05 JUN 2009

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 21:01:16 ON 05 JUN 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s KCCM-10530 and Corynebacterium ammoniagenes

2 FILE BIOTECHABS  
2 FILE BIOTECHDS  
3 FILE CAPLUS  
1 FILE FROSTI  
1 FILE IFIPAT  
1 FILE TOXCENTER  
1 FILE USPATFULL

65 FILES SEARCHED...

5 FILE WPIDS  
5 FILE WPINDEX

9 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE KCCM-10530 AND CORYNEBACTERIUM AMMONIAGENES

=> file biotechabs biotechds caplus frosti ifipat toxcenter uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.36	1.58

FULL ESTIMATED COST

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 21:02:25 ON 05 JUN 2009

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FILE 'CAPLUS' ENTERED AT 21:02:25 ON 05 JUN 2009  
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FILE 'FROSTI' ENTERED AT 21:02:25 ON 05 JUN 2009  
COPYRIGHT (C) 2009 Leatherhead Food Research Association

FILE 'IFIPAT' ENTERED AT 21:02:25 ON 05 JUN 2009  
COPYRIGHT (C) 2009 IFI CLAIMS(R) Patent Services (IFI)

FILE 'TOXCENTER' ENTERED AT 21:02:25 ON 05 JUN 2009  
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FILE 'USPATFULL' ENTERED AT 21:02:25 ON 05 JUN 2009  
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

```
=> s l1
L2          9 L1
```

```
=> rem dup l2
DUP IS NOT VALID HERE
The DELETE command is used to remove various items stored by the
system.
```

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

DELETE L21	- delete a single L-number
DELETE L3-L6	- delete a range of L-numbers
DELETE LAST 4	- delete the last 4 L-numbers
DELETE L33-	- delete L33 and any higher L-number

```

DELETE -L55          - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                      renumber remaining L-numbers
DELETE RENUMBER      - renumber L-numbers after deletion of
                      intermediate L-numbers

```

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

#### Examples:

```

DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED   - delete all saved queries, answer sets,
                  and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT  - delete all user-defined display formats
DELETE FIELD   - delete all user-defined search fields
DELETE SELECT  - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                  session at L1

```

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

```
=> s 12
```

```
L3          9 L2
```

```
=> dup rem 13
```

```
PROCESSING COMPLETED FOR L3
```

```
L4          6 DUP REM L3 (3 DUPLICATES REMOVED)
```

```
=> d 14 1-6
```

```

L4  ANSWER 1 OF 6  IFIPAT  COPYRIGHT 2009 IFI on STN  DUPLICATE 1
AN  11491611  IFIPAT;IFIUDB;IFICDB
TI  Microorganism producing 5'-xanthylic acid
IN  Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon
    (KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)
PA  Unassigned Or Assigned To Individual (68000)
PPA CJ Corp KR (Probable)
PI  US 20070141682  A1  20070621
AI  US 2004-582166      20041118
    WO 2004-KR2993      20041118
                        20060608  PCT 371 date
                        20060608  PCT 102(e) date
PRAI KR 2003-89714      20031210
FI  US 20070141682      20070621
DT  Utility; Patent Application - First Publication
FS  CHEMICAL
    APPLICATION
ED  Entered STN: 22 Jun 2007
    Last Updated on STN: 17 Jul 2007
CLMN 3

```

```

L4  ANSWER 2 OF 6  CAPLUS  COPYRIGHT 2009 ACS on STN
AN  2007:1323693  CAPLUS
DN  147:497140

```

TI Microorganism having 5'-phosphoribosyl-1-pyrophosphate amidotransferase coding gene and method for producing xanthosine 5'-monophosphate with high concentration and high yield using the same  
 IN Park, Young Hoon; Kim, Hyun Soo; Han, Jong Kwon; Baek, Min Ji; Oh, Ki Hoon; Sim, Jae Ick; Hong, Kuk Ki; Kang, Tae Sun  
 PA Cj Corp., S. Korea  
 SO Repub. Korean Kongkae Taeho Kongbo, No pp. given  
 CODEN: KRXXA7  
 DT Patent  
 LA Korean  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	KR 2007056491	A	20070604	KR 2005-115183	20051130
PRAI	KR 2005-115183		20051130		

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN  
 AN 2007:857403 CAPLUS  
 DN 147:184650

TI Mutant microorganism Corynebacterium ammoniagenes  
 cjxcv19(KCCM-10692p) having low activity of degradation of GMP and being capable of producing guanine 5'-monophosphate with high yield, and high-throughput screening method of mutant  
 IN Park, Young Hoon; Kim, Hyun Soo; Han, Jong Kwon; Baek, Min Ji; Oh, Ki Hoon; Sim, Jae Ick; Hong, Kuk Ki; Kang, Tae Sun  
 PA Cj Corp., S. Korea  
 SO Repub. Korea, No pp. given  
 CODEN: KRXXFC  
 DT Patent  
 LA Korean  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	KR 686561	B1	20070226	KR 2005-113712	20051125
PRAI	KR 2005-113712		20051125		

L4 ANSWER 4 OF 6 BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN DUPLICATE  
 2

AN 2006-15178 BIOTECHDS

TI New Corynebacterium ammoniagenes having sulfadiazine resistance, useful for economically producing 5'-xanthylic acid in higher concentrations and higher yields;  
 Corynebacterium ammoniagenes and  
 N-methyl-N-nitro-N-nitrosoguanine treatment for high-concentration and high-yield 5'-xanthylic acid production

AU PARK Y H; KIM H S; LEE J N; OH K H; KIM J H; OH Y S; SIM J I; CHOI K O

PA CJ CORP

PI WO 2006059877 8 Jun 2006

AI WO 2005-KR4080 1 Dec 2005

PRAI KR 2004-100026 1 Dec 2004; KR 2004-100026 1 Dec 2004

DT Patent

LA English

OS WPI: 2006-414997 [42]

L4 ANSWER 5 OF 6 BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN  
 AN 2007-27870 BIOTECHDS

TI Corynebacterium ammoniagenes cjxcv24 kccm-10693p  
 showing high conversion rate from xmp to gmp, and method for producing gmp using the same with high yield;  
 conversion of xanthosine monophosphate to guanine monophosphate  
 Corynebacterium ammoniagenes

AU PARK Y H; KIM H S; HAN J K; BAEK M J; OH K H; SIM J I; HONG K K; KANG T S

PA CJ CORP  
 PI KR 655902 8 Dec 2006  
 AI KR 2005-113711 25 Nov 2005  
 PRAI KR 2005-113711 25 Nov 2005; KR 2005-113711 25 Nov 2005  
 DT Patent  
 LA Korean  
 OS WPI: 2007-838996 [78]

L4 ANSWER 6 OF 6 FROSTI COPYRIGHT 2009 LFRA on STN  
 AN 697826 FROSTI  
 TI Microorganism producing 5'-xanthylic acid and production method of  
 5'-xanthylic acid using the same.  
 IN Park Y.H.; Kim H.S.; Lee J.N.; Oh K.H.; Kim J.H.; Oh Y.S.; Sim J.I.; Choi  
 K.O.  
 PA CJ Corp  
 SO PCT Patent Application  
 PI WO 2006059877 A1  
 AI 20051201  
 PRAI Korea, Republic of 20041201  
 DT Patent  
 LA English  
 SL English

=> d hist

(FILE 'HOME' ENTERED AT 21:00:54 ON 05 JUN 2009)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
 AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
 CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
 DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 21:01:16 ON 05 JUN 2009  
 SEA KCCM-10530 AND CORYNEBACTERIUM AMMONIAGENES

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 2 FILE BIOTECHABS  
 2 FILE BIOTECHDS  
 3 FILE CAPLUS  
 1 FILE FROSTI  
 1 FILE IFIPAT  
 1 FILE TOXCENTER  
 1 FILE USPATFULL  
 5 FILE WPIDS  
 5 FILE WPINDEX

L1 QUE KCCM-10530 AND CORYNEBACTERIUM AMMONIAGENES

FILE 'BIOTECHDS, CAPLUS, FROSTI, IFIPAT, TOXCENTER, USPATFULL' ENTERED AT  
 21:02:25 ON 05 JUN 2009

L2 9 S L1  
 L3 9 S L2  
 L4 6 DUP REM L3 (3 DUPLICATES REMOVED)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
36.30	37.88

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 21:03:47 ON 05 JUN 2009